

## CHARGE TO THE VISITING COMMITTEE FOR FERMILAB

Although Fermilab is a single mission laboratory, its present scientific program is quite broad. It includes both collider, fixed target and neutrino oscillation experiments and the necessary accelerator operations and R&D for improving the existing accelerator complex. In addition, Fermilab has been asked by DOE to play a leading role in U.S. participation in the LHC, both on the accelerator side and in the CMS detector. The Laboratory also has an advanced accelerator R&D program for future accelerators, a program in experimental astrophysics, and theoretical programs both in particle physics and astrophysics. The URA Visiting Committee for Fermilab is charged with reviewing this scientific program and commenting on its quality, soundness, overall balance, and future prospects. The Committee is also encouraged to comment on the Laboratory Director's plans and priorities for Fermilab.

In its response to this charge, the URA Visiting Committee should try to address the following points:

- i) How effectively is the Laboratory dealing with Collider Run II issues (both accelerator and detector performance) and with the NuMI/MINOS project?
- ii) Is the Fermilab program competitive at the world level, both in its broad scope and in the quality of its individual components? Are there any individual components which fall short of this standard?
- iii) Is the balance in the laboratory between current programs and research and planning for future programs appropriate? Notwithstanding current budget difficulties, are adequate resources being applied to high priority activities?
- iv) Are there areas of scientific endeavor where Fermilab could have a significant impact, which the laboratory should pursue more vigorously? Are there programs in the laboratory whose efforts require future review in order to determine whether they should continue?
- v) Have recent permanent staff appointments at Fermilab helped further the mission of the laboratory? Are there areas that are missing key people and which could be strengthened?
- vi) Does the laboratory management provide the scientific leadership needed for Fermilab?
- vii) Does Fermilab provide the administrative, technical and scientific support needed by its users?
- viii) Is the programmatic support for Fermilab's scientific mission adequate and are the laboratory resources used effectively? Are there efforts which should be commended and/or are there opportunities for improvement in specific areas?
- ix) Are there any particular issues requiring special attention by URA?